

Release notes for ENDF/B Development n-058_Ce_136
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=5825, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=5825, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      236 TO      368
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=5825, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=5825, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      236
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5825, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      370
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      587
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      601
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      625
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      642
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 17
SECTION 3/ 17 NOT IN DIRECTORY RECORD NUMBER 650

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 655

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 24 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 24
SECTION 3/ 24 NOT IN DIRECTORY RECORD NUMBER 665

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 671

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 41 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 41
SECTION 3/ 41 NOT IN DIRECTORY RECORD NUMBER 680

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 686

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 700

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 713

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 54 | RECORD NUMBER | 726 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 55 | RECORD NUMBER | 739 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 56 | RECORD NUMBER | 750 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT= 91 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT= 91 | RECORD NUMBER | 762 |
| SECTION 3/ 91 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=102 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=102 | RECORD NUMBER | 777 |
| SECTION 3/102 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=103 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=103 | RECORD NUMBER | 792 |
| SECTION 3/103 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=107 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=107 | RECORD NUMBER | 806 |
| SECTION 3/107 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=600 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=600 | RECORD NUMBER | 825 |
| SECTION 3/600 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=601 (0): Directory (b)

- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=601 | | |
| | SECTION 3/601 NOT IN DIRECTORY | RECORD NUMBER | 839 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=602 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=602 | | |
| | SECTION 3/602 NOT IN DIRECTORY | RECORD NUMBER | 853 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=603 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=603 | | |
| | SECTION 3/603 NOT IN DIRECTORY | RECORD NUMBER | 867 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=604 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=604 | | |
| | SECTION 3/604 NOT IN DIRECTORY | RECORD NUMBER | 881 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=605 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=605 | | |
| | SECTION 3/605 NOT IN DIRECTORY | RECORD NUMBER | 895 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=606 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=606 | | |
| | SECTION 3/606 NOT IN DIRECTORY | RECORD NUMBER | 909 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=607 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=607 | | |
| | SECTION 3/607 NOT IN DIRECTORY | RECORD NUMBER | 923 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=608 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=5825, MF= 3, MT=608 | | |
| | SECTION 3/608 NOT IN DIRECTORY | RECORD NUMBER | 937 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=649 (0): Directory (b)

- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=649 | | |
| SECTION 3/649 NOT IN DIRECTORY | RECORD NUMBER | 951 |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=800 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=800 | | |
| SECTION 3/800 NOT IN DIRECTORY | RECORD NUMBER | 965 |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=801 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=801 | | |
| SECTION 3/801 NOT IN DIRECTORY | RECORD NUMBER | 984 |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=802 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=802 | | |
| SECTION 3/802 NOT IN DIRECTORY | RECORD NUMBER | 1003 |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=803 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=803 | | |
| SECTION 3/803 NOT IN DIRECTORY | RECORD NUMBER | 1021 |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=804 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=804 | | |
| SECTION 3/804 NOT IN DIRECTORY | RECORD NUMBER | 1040 |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=805 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=805 | | |
| SECTION 3/805 NOT IN DIRECTORY | RECORD NUMBER | 1059 |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=806 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=806 | | |
| SECTION 3/806 NOT IN DIRECTORY | RECORD NUMBER | 1078 |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=807 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=807 | |
| SECTION 3/807 NOT IN DIRECTORY | RECORD NUMBER 1097 |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=808 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=808 | |
| SECTION 3/808 NOT IN DIRECTORY | RECORD NUMBER 1116 |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=809 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=809 | |
| SECTION 3/809 NOT IN DIRECTORY | RECORD NUMBER 1135 |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=810 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=810 | |
| SECTION 3/810 NOT IN DIRECTORY | RECORD NUMBER 1154 |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=811 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=811 | |
| SECTION 3/811 NOT IN DIRECTORY | RECORD NUMBER 1171 |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 3, MT=849 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 3, MT=849 | |
| SECTION 3/849 NOT IN DIRECTORY | RECORD NUMBER 1188 |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 2 (0): Directory (b)
- | | |
|--|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 2 | |
| SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 1208 |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 51 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 51 | |
| SECTION 4/ 51 NOT IN DIRECTORY | RECORD NUMBER 1335 |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 52 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 52 | RECORD NUMBER | 1431 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 53 | RECORD NUMBER | 1518 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 54 | RECORD NUMBER | 1599 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 55 | RECORD NUMBER | 1689 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT= 56 | RECORD NUMBER | 1775 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=600 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=600 | RECORD NUMBER | 1839 |
| SECTION 4/600 NOT IN DIRECTORY | | |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=601 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=601 | RECORD NUMBER | 1904 |
| SECTION 4/601 NOT IN DIRECTORY | | |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=602 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=602 | RECORD NUMBER | 1969 |
| SECTION 4/602 NOT IN DIRECTORY | | |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=603 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=603 | RECORD NUMBER | 2034 |
| SECTION 4/603 NOT IN DIRECTORY | | |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=604 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=604 | RECORD NUMBER | 2099 |
| SECTION 4/604 NOT IN DIRECTORY | | |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=605 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=605 | RECORD NUMBER | 2164 |
| SECTION 4/605 NOT IN DIRECTORY | | |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=606 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=606 | RECORD NUMBER | 2229 |
| SECTION 4/606 NOT IN DIRECTORY | | |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=607 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=607 | RECORD NUMBER | 2294 |
| SECTION 4/607 NOT IN DIRECTORY | | |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=608 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=608 | RECORD NUMBER | 2359 |
| SECTION 4/608 NOT IN DIRECTORY | | |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=800 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=800 | RECORD NUMBER | 2424 |
| SECTION 4/800 NOT IN DIRECTORY | | |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=801 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=801 | RECORD NUMBER | 2517 |
| SECTION 4/801 NOT IN DIRECTORY | | |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=802 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=802 | |
| SECTION 4/802 NOT IN DIRECTORY | RECORD NUMBER 2610 |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=803 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=803 | |
| SECTION 4/803 NOT IN DIRECTORY | RECORD NUMBER 2703 |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=804 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=804 | |
| SECTION 4/804 NOT IN DIRECTORY | RECORD NUMBER 2796 |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=805 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=805 | |
| SECTION 4/805 NOT IN DIRECTORY | RECORD NUMBER 2889 |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=806 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=806 | |
| SECTION 4/806 NOT IN DIRECTORY | RECORD NUMBER 2982 |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=807 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=807 | |
| SECTION 4/807 NOT IN DIRECTORY | RECORD NUMBER 3075 |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=808 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=808 | |
| SECTION 4/808 NOT IN DIRECTORY | RECORD NUMBER 3168 |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=809 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=5825, MF= 4, MT=809 | |
| SECTION 4/809 NOT IN DIRECTORY | RECORD NUMBER 3261 |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=810 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 4, MT=810 | |
| | SECTION 4/810 NOT IN DIRECTORY | RECORD NUMBER 3354 |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 4, MT=811 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 4, MT=811 | |
| | SECTION 4/811 NOT IN DIRECTORY | RECORD NUMBER 3447 |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 16 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 16 | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 3541 |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 17 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 17 | |
| | SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER 4235 |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 22 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 22 | |
| | SECTION 6/ 22 NOT IN DIRECTORY | RECORD NUMBER 4304 |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 24 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 24 | |
| | SECTION 6/ 24 NOT IN DIRECTORY | RECORD NUMBER 6685 |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 28 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 28 | |
| | SECTION 6/ 28 NOT IN DIRECTORY | RECORD NUMBER 6899 |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 41 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 41 | |
| | SECTION 6/ 41 NOT IN DIRECTORY | RECORD NUMBER 8356 |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT= 91 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF= 6, MT= 91
SECTION 6/ 91 NOT IN DIRECTORY RECORD NUMBER 8453
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF= 6, MT=102
SECTION 6/102 NOT IN DIRECTORY RECORD NUMBER 16815
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT=649 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF= 6, MT=649
SECTION 6/649 NOT IN DIRECTORY RECORD NUMBER 18243
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF= 6, MT=849 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF= 6, MT=849
SECTION 6/849 NOT IN DIRECTORY RECORD NUMBER 19758
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 51
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 21643
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 52
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 21647
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 21651
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 21655
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 55 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 21659
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 21663
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=601
SECTION 12/601 NOT IN DIRECTORY RECORD NUMBER 21667
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=602
SECTION 12/602 NOT IN DIRECTORY RECORD NUMBER 21671
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=603
SECTION 12/603 NOT IN DIRECTORY RECORD NUMBER 21675
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=604
SECTION 12/604 NOT IN DIRECTORY RECORD NUMBER 21679
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=605
SECTION 12/605 NOT IN DIRECTORY RECORD NUMBER 21683
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=606
SECTION 12/606 NOT IN DIRECTORY RECORD NUMBER 21687
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=607 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF=12, MT=607
SECTION 12/607 NOT IN DIRECTORY RECORD NUMBER 21691
96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=608
SECTION 12/608 NOT IN DIRECTORY RECORD NUMBER 21695
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=801
SECTION 12/801 NOT IN DIRECTORY RECORD NUMBER 21699
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=802
SECTION 12/802 NOT IN DIRECTORY RECORD NUMBER 21703
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=803
SECTION 12/803 NOT IN DIRECTORY RECORD NUMBER 21707
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=804
SECTION 12/804 NOT IN DIRECTORY RECORD NUMBER 21711
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=805
SECTION 12/805 NOT IN DIRECTORY RECORD NUMBER 21715
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=806
SECTION 12/806 NOT IN DIRECTORY RECORD NUMBER 21719
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=807 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF=12, MT=807
SECTION 12/807 NOT IN DIRECTORY RECORD NUMBER 21723
104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=808
SECTION 12/808 NOT IN DIRECTORY RECORD NUMBER 21728
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=809
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 21733
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=810
SECTION 12/810 NOT IN DIRECTORY RECORD NUMBER 21737
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=12, MT=811 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=12, MT=811
SECTION 12/811 NOT IN DIRECTORY RECORD NUMBER 21742
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 21747
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 21749
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 21751
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 54 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 21753
112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 21755
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 21757
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=601
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 21759
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=602
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 21761
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=603
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 21763
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=604
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 21765
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=605
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 21767
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=606 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5825, MF=14, MT=606
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 21769
120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=607
SECTION 14/607 NOT IN DIRECTORY RECORD NUMBER 21771
121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=608
SECTION 14/608 NOT IN DIRECTORY RECORD NUMBER 21773
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=801
SECTION 14/801 NOT IN DIRECTORY RECORD NUMBER 21775
123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=802
SECTION 14/802 NOT IN DIRECTORY RECORD NUMBER 21777
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=803
SECTION 14/803 NOT IN DIRECTORY RECORD NUMBER 21779
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=804
SECTION 14/804 NOT IN DIRECTORY RECORD NUMBER 21781
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5825, MF=14, MT=805
SECTION 14/805 NOT IN DIRECTORY RECORD NUMBER 21783
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=806 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=806
SECTION 14/806 NOT IN DIRECTORY

RECORD NUMBER 21785

128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=807 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=807
SECTION 14/807 NOT IN DIRECTORY

RECORD NUMBER 21787

129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=808 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=808
SECTION 14/808 NOT IN DIRECTORY

RECORD NUMBER 21789

130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=809 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=809
SECTION 14/809 NOT IN DIRECTORY

RECORD NUMBER 21791

131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=810 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=810
SECTION 14/810 NOT IN DIRECTORY

RECORD NUMBER 21793

132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5825, MF=14, MT=811 (0): Directory (b)

ERROR(S) FOUND IN MAT=5825, MF=14, MT=811
SECTION 14/811 NOT IN DIRECTORY

RECORD NUMBER 21795

• **psyche** Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 136. L = 0 / STRENGTH FUNCTION IS 2.52789E-04 / STRENGTH FUNCTION 2.52789E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ISOTOPE MASS = 136. L = 0

STRENGTH FUNCTION IS 2.52789E-04

STRENGTH FUNCTION 2.52789E-04

... [1 more lines]

2. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04 / STRENGTH FUNCTION 1.20000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04
STRENGTH FUNCTION 1.20000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
... [36 more lines]

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04 / ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.50370E+01 SHOULD BE 4.86941E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04
ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.50370E+01 SHOULD BE 4.86941E+01

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.50285E+01 SHOULD BE 4.86865E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.50285E+01 SHOULD BE 4.86865E+01

5. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.49925E+01 SHOULD BE 4.86547E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.49925E+01 SHOULD BE 4.86547E+01

6. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.49566E+01 SHOULD BE 4.86230E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.49566E+01 SHOULD BE 4.86230E+01

7. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.49209E+01 SHOULD BE 4.85913E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.49209E+01 SHOULD BE 4.85913E+01

8. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.48850E+01 SHOULD BE 4.85596E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.48850E+01 SHOULD BE 4.85596E+01

9. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.48493E+01 SHOULD BE 4.85280E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.48493E+01 SHOULD BE 4.85280E+01

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.48135E+01 SHOULD BE 4.84963E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.48135E+01 SHOULD BE 4.84963E+01

11. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.47421E+01 SHOULD BE 4.84331E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.47421E+01 SHOULD BE 4.84331E+01

12. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.46707E+01 SHOULD BE 4.83700E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.46707E+01 SHOULD BE 4.83700E+01

13. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.45995E+01 SHOULD BE 4.83070E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.45995E+01 SHOULD BE 4.83070E+01

14. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.45284E+01 SHOULD BE 4.82440E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.45284E+01 SHOULD BE 4.82440E+01
15. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.44573E+01 SHOULD BE 4.81811E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.44573E+01 SHOULD BE 4.81811E+01
16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.43863E+01 SHOULD BE 4.81183E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.43863E+01 SHOULD BE 4.81183E+01
17. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.43155E+01 SHOULD BE 4.80557E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.43155E+01 SHOULD BE 4.80557E+01
18. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.42448E+01 SHOULD BE 4.79931E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.42448E+01 SHOULD BE 4.79931E+01
19. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.41740E+01 SHOULD BE 4.79305E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.41740E+01 SHOULD BE 4.79305E+01
20. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.41035E+01 SHOULD BE 4.78682E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.41035E+01 SHOULD BE 4.78682E+01
21. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.40330E+01 SHOULD BE 4.78058E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.40330E+01 SHOULD BE 4.78058E+01
22. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.20000E-04 / DENSITY 5.39627E+01 SHOULD BE 4.77436E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.20000E-04
DENSITY 5.39627E+01 SHOULD BE 4.77436E+01
23. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / TOTAL OF 37 POINTS IN ERROR FOR THIS J-STATE (0): URR dens. (b)
- FILE 2
SECTION 151
TOTAL OF 37 POINTS IN ERROR FOR THIS J-STATE
TOTAL OF 37 POINTS IN ERROR FOR THIS J-STATE
24. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49982E+01 SHOULD BE 3.66914E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 8.80000E+02. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49982E+01 SHOULD BE 3.66914E+01
25. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49912E+01 SHOULD BE 3.66856E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49912E+01 SHOULD BE 3.66856E+01
26. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49618E+01 SHOULD BE 3.66617E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49618E+01 SHOULD BE 3.66617E+01
27. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49325E+01 SHOULD BE 3.66378E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49325E+01 SHOULD BE 3.66378E+01
28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49032E+01 SHOULD BE 3.66139E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49032E+01 SHOULD BE 3.66139E+01
29. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.48739E+01 SHOULD BE 3.65900E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.48739E+01 SHOULD BE 3.65900E+01
30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.48447E+01 SHOULD BE 3.65662E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.48447E+01 SHOULD BE 3.65662E+01
31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.48155E+01 SHOULD BE 3.65423E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.48155E+01 SHOULD BE 3.65423E+01
32. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.47571E+01 SHOULD BE 3.64947E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.47571E+01 SHOULD BE 3.64947E+01
33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.46987E+01 SHOULD BE 3.64472E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.46987E+01 SHOULD BE 3.64472E+01
34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.46405E+01 SHOULD BE 3.63997E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.46405E+01 SHOULD BE 3.63997E+01
35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.45823E+01 SHOULD BE 3.63522E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.45823E+01 SHOULD BE 3.63522E+01
36. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.45242E+01 SHOULD BE 3.63049E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.45242E+01 SHOULD BE 3.63049E+01
37. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.44662E+01 SHOULD BE 3.62575E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.44662E+01 SHOULD BE 3.62575E+01
38. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.44083E+01 SHOULD BE 3.62104E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.44083E+01 SHOULD BE 3.62104E+01
39. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.43504E+01 SHOULD BE 3.61632E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.43504E+01 SHOULD BE 3.61632E+01
40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.42926E+01 SHOULD BE 3.61160E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.42926E+01 SHOULD BE 3.61160E+01
41. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.42350E+01 SHOULD BE 3.60690E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.42350E+01 SHOULD BE 3.60690E+01
42. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.41773E+01 SHOULD BE 3.60220E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.41773E+01 SHOULD BE 3.60220E+01
43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.41198E+01 SHOULD BE 3.59751E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.41198E+01 SHOULD BE 3.59751E+01
44. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 103 / THE CALCULATED Q 4.18598E+05 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q
- FILE 3
SECTION 103
THE CALCULATED Q 4.18598E+05 DISSAGREES WITH THE GIVEN Q 0.00000E+00

45. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 107 / THE CALCULATED Q 6.72240E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q

```
FILE 3
SECTION 107
THE CALCULATED Q 6.72240E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00
```

- linear Errors:

1. Negative cross section found
0: Neg. Sig(E)

```
Linearize ENDF/B Cross Sections (LINEAR 2015-1)
-----
Retrieval Criteria----- MAT
Monitor Mode----- Off
Minimum Cross Section----- 1.0000E-10 (Default Option)
... [82 more lines]
```

- groupie Errors:

1. Very small elastic cross section found
0: Small elastic

```
Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)
-----
ENDF/B Input and Output Data Filenames
ENDFB.IN
ENDFB.OUT
... [97 more lines]
```

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved / MultiLevelBreitWigner (Error # 0): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"

2. Potential scattering hasn't converted, you need more L's!
resonances / resolved (Error # 1): potentialScatteringNotConverged

WARNING: Potential scattering hasn't converged by L=0 at E=880.0 eV, xs[0]/xs[0]=100.0% > 0.1%

3. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 3.27%

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 8: n[multiplicity:'2'] + Ce135 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9395653.644195557 eV vs -9.936e6 eV!

2. Calculated and tabulated Q values disagree.
reaction label 9: n[multiplicity:'3'] + Ce134 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -17851741.92393494 eV vs -1.7896e7 eV!
3. Calculated and tabulated Q values disagree.
reaction label 10: n + H1 + La135 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6733726.617401123 eV vs -7.128e6 eV!
4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 10: n + H1 + La135 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV
... plus 8 more instances of this message
5. Calculated and tabulated Q values disagree.
reaction label 11: H1 + La136 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 782796.2979278564 eV vs 3.09e5 eV!
6. Calculated and tabulated Q values disagree.
reaction label 12: H1 + La136_e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 760996.2979278564 eV vs 2.872e5 eV!
7. Calculated and tabulated Q values disagree.
reaction label 13: H1 + La136_e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 738496.2979278564 eV vs 2.647e5 eV!
8. Calculated and tabulated Q values disagree.
reaction label 14: H1 + La136_e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 642796.2979278564 eV vs 1.69e5 eV!
9. Calculated and tabulated Q values disagree.
reaction label 15: H1 + La136_e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 624496.2979278564 eV vs 1.507e5 eV!
10. Calculated and tabulated Q values disagree.
reaction label 16: H1 + La136_e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 610796.2979278564 eV vs 1.37e5 eV!
11. Calculated and tabulated Q values disagree.
reaction label 17: H1 + La136_e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 609296.2979278564 eV vs 1.355e5 eV!

12. Calculated and tabulated Q values disagree.
reaction label 18: H1 + La136-e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 570796.2979278564 eV vs 9.7e4 eV!
13. Calculated and tabulated Q values disagree.
reaction label 19: H1 + La136-e8 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 552696.2979278564 eV vs 7.89e4 eV!
14. Calculated and tabulated Q values disagree.
reaction label 20: H1 + (La136-c ->La136 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 552696.2979278564 eV vs 7.89e4 eV!
15. Calculated and tabulated Q values disagree.
reaction label 21: He4 + Ba133 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7312021.805618286 eV vs 6.709e6 eV!
16. Calculated and tabulated Q values disagree.
reaction label 22: He4 + Ba133-e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7299701.805618286 eV vs 6696680. eV!
17. Calculated and tabulated Q values disagree.
reaction label 23: He4 + Ba133-e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7023771.805618286 eV vs 6420750. eV!
18. Calculated and tabulated Q values disagree.
reaction label 24: He4 + Ba133-e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7020851.805618286 eV vs 6417830. eV!
19. Calculated and tabulated Q values disagree.
reaction label 25: He4 + Ba133-e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7009651.805618286 eV vs 6406630. eV!
20. Calculated and tabulated Q values disagree.
reaction label 26: He4 + Ba133-e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6772231.805618286 eV vs 6169210. eV!
21. Calculated and tabulated Q values disagree.
reaction label 27: He4 + Ba133-e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6734471.805618286 eV vs 6131450. eV!
22. Calculated and tabulated Q values disagree.
reaction label 28: He4 + Ba133-e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6681461.805618286 eV vs 6078440. eV!

23. Calculated and tabulated Q values disagree.
reaction label 29: He4 + Ba133-e8 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6635541.805618286 eV vs 6032520. eV!
24. Calculated and tabulated Q values disagree.
reaction label 30: He4 + Ba133-e9 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6518021.805618286 eV vs 5.915e6 eV!
25. Calculated and tabulated Q values disagree.
reaction label 31: He4 + Ba133-e10 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6453521.805618286 eV vs 5.8505e6 eV!
26. Calculated and tabulated Q values disagree.
reaction label 32: He4 + Ba133-e11 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6449261.805618286 eV vs 5846240. eV!
27. Calculated and tabulated Q values disagree.
reaction label 33: He4 + (Ba133-c ->Ba133 + gamma) (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6449261.805618286 eV vs 5846240. eV!
28. Calculated and tabulated Q values disagree.
reaction label 34: Ce137 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 7796684.860366821 eV vs 7.481e6 eV!
29. Calculated and tabulated Q values disagree.
reaction label 35: n + He4 + Ba132 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -204501.1096801758 eV vs -4.8e5 eV!
30. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 35: n + He4 + Ba132 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
 ... plus 10 more instances of this message
31. Calculated and tabulated Q values disagree.
reaction label 36: n[multiplicity:'2'] + He4 + Ba131 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -9600154.75390625 eV vs -1.0298e7 eV!
32. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 36: n[multiplicity:'2'] + He4 + Ba131 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV

33. Calculated and tabulated Q values disagree.
reaction label 37: n[multiplicity:'2'] + H1 + La134 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16129380.26159668 eV vs -1.6614e7 eV!

34. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 37: n[multiplicity:'2'] + H1 + La134 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV

35. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 58137
 photon momentum recoil used.

- njoy2012 Errors:

1. The elastic cross section is negative
reconr...reconstruct pointwise cross sections in pendf format (0): Sig_el(E)<0

---message from emerge---nonpositive elastic cross sections found.